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DERWENT-WEEK: 200282

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TITLE: Device for controlling pressure of reservoir tank
of
vehicle air brake

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PATENT-ASSIGNEE: HYUNDAI MOTOR CO LTD[HYUNN]

PRIORITY-DATA: 2000KR-0077687 (December 18, 2000)

PATENT-FAMILY:

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2002048252A

BASIC-ABSTRACT:

NOVELTY - A device for controlling the pressure of a reservoir tank of a vehicle air brake is provided to improve the braking power of a brake by simply raising the pressure in a reservoir tank even without the supply of air or gas when the pressure in the reservoir tank falls.

DETAILED DESCRIPTION - A device for controlling the pressure of a reservoir tank of a vehicle air brake comprises a pressure sensor(32) to sense the pressure in a reservoir tank(20), a cylinder(36) prepared in the reservoir tank, a plunger(38) to change the volume of the reservoir tank by moving upward and downward in the cylinder, a drive unit to drive the plunger, and a control unit(34) to output a control signal for driving the drive unit by receiving the input signal sensed by the pressure sensor. When the pressure of the reservoir tank falls, the volume of the reservoir tank is reduced by moving upward a piston(40) of the plunger. Therefore, the pressure of the

reservoir tank
rises.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: DEVICE CONTROL PRESSURE RESERVOIR TANK
VEHICLE AIR BRAKE

DERWENT-CLASS: Q18

